

The Carbon Chronicle

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The game between Grand Forks and Huxley Sunday, June 13 ended 14-6 in favor of Huxley.

A very delightful party was held by Club 21 on Wed. evening June 16 at the home of Mr. and Mrs. Dick Garrett in honor of Rev. and Mrs. Hotchkis who are leaving the district to make their future home at Brooks. The evening was enjoyed by all and a presentation was made of a beautiful engraved spoon by Jack Barnes. A very lovely lunch was served and the evening closed with "For They Are Jolly Good Fellows" and "Auld Lang Syne".

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THE CARBON CHRONICLE

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Mr. John Currie, formerly of Carbon, now a resident of Vancouver, is visiting at the home of Mr. and Mrs. Otto Martin and among his many old friends in the district.

The Carbon Swimming Pool is now open and hot showers may be had from 2 p.m. to 9 p.m.

Mrs. Eva Tricker left on Wednesday for Vancouver and Victoria where she will spend the next couple of months.

The United Church and Anglican Sunday Schools held their picnics on Saturday last.

Mrs. R. D. Barnes is a patient in the Drumheller hospital.

The Carbon Public Library has just purchased \$300 worth of new books. Among the books for children are:

The Quiz Kids Book, stories and poems chosen by the Quiz Kids. Little Men, by Louisa May Alcott. Under the Lilacs, by Louisa May Alcott.

The Story of Peter Pan, by Daniel O'Connor. Wind in the Willows, by Kenneth Grahame.

This is a beautiful story for children, and for adults there are: Your Trip Into Space, by Lynn Poole.

The Author's Idea of What Science Will Accomplish in the Next 50 Years.

The Son of Ruth by Frank Slaughter. A love story from the Old Testament.

Man, Man, by C. H. Stoneham. It describes with no details spared the activities of the Man, Man.

These are only a few of the very enjoyable books available for your reading pleasure.

The Library hours are Saturday 2 to 5 p.m. and 7 to 9 p.m. Tuesday 3:30 to 5 p.m.

Mr. and Mrs. Dusty Poxon and children spent Sunday in Calgary and made a call on Mr. and Mrs. Morris Switzer.

Mr. and Mrs. Stanley Gouldie and children spent the week at the home of Mr. and Mrs. George Levens.

Mr. and Mrs. John Skakun and children spent the weekend in Edmonton.

Mrs. Bert McCracken was the lucky winner of a television chair at the Car Bingo held at Trochu last Saturday night.

Several of our little citizens held their fifth birthday parties this week. Robin Hunt on Sunday, Sharon Krenzler on Monday and Larry Poxon on Wednesday.

Mrs. Len Maxwell is a patient in the Drumheller hospital where she has undergone a recent operation.

The Carbon Lions had a beautiful turkey supper on Wed. evening in honor of Rev. Hotchkis also their guest, Bishop Calvert of Calgary. Presentation was made to Mr. Hotchkis in appreciation of his service and co-operation while a member of the Club in Carbon.

Nacmine took Carbon 22-0 at Carbon Wednesday.

Confirmation Service was held Wednesday, June 23rd at 8 p.m. in Christ Church, Carbon. The candidates presented to the Bishop of Calgary by Rev. Hotchkis, Vicar of Carbon were Diane and Francis Bushby, Barbara Nash and Francis Kaughman, Mrs. E. Wiffen. After the service a lovely social evening was held in the basement of the church. Presentation was then made of a beautiful

wrist watch to Mr. Hotchkis by Mr. C. Cave on behalf of the parish and to Mrs. Hotchkis a beautiful necklace, and by Mrs. Doris Bramley to Mrs. Hotchkis a beautiful engraved spoon from the W.A. A few remarks and well wishes to our vicar and his wife by the Bishop, and a few songs, etc. were enjoyed. A lovely lunch was served. Doing the honors at a beautifully decorated table were Mrs. C. H. Nash and Mrs. Harry Hunt, grandmothers of two of the candidates. The evening closed with They Are Jolly Good Fellows.

Rt. Rev. George R. Calvert, Anglican Bishop of Calgary conducted an ordination service in St. George's Anglican Church, Stettler on Sunday when John G. Roberts of Stettler was ordained deacon in the Anglican Church. Mr. Roberts will be in charge of the parish of Acme, Carbon and Three Hills under Rev. E. H. Lewis, Rural Dean of Drumheller. Rev. Lewis also took part in the service.

Rev. H. E. A. Peach of Calgary

and formerly rector of St. George's preached the sermon and Archdeacon Robert Axon of Calgary presented the candidate for ordination. Following the service a reception was held in the basement of the church.

Deacon Roberts, his wife and family will make their home in Carbon where the deacon will assume his duties July 1st. While resident in Stettler both Mr. and Mrs. Roberts were active members of St. George's as well as prominent in the activities of Home and School and other organizations.

OATS FOR SALE, 44 lbs. to the bushel.

Apply Bob Ried, Hesketh, south of the Beveridge Lake School.

CARD OF THANKS

I wish to thank all my kind friends who visited me and sent cards and well wishes while a patient in the Calgary General Hospital.

Eddie Cannings.

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WHAT OIL MEANS TO CANADA

By A. W. HANKS

One of a series of articles on the development in Western Canada of recently discovered oil fields following a tour of the Alberta fields made through the courtesy of Imperial Oil Company. What oil is going to mean to Canada is a subject only comprehended by the average layman through the factual information available as a result of the accumulated data of years of exploration and research by this and other companies.

The generally accepted theory is that oil and gas were formed from the organic remains of life which lived in the seas which covered this continent in by-gone eras. Western Canada has been covered some fifteen times by arms of the seas which have invaded the continental area.

Bacterial action, aided by heat and pressure of overlying sediments deposited along the sea bottom by rivers and streams resulted in the conversion of marine organic remains into crude oil and gas. It is generally believed that oil and natural gas have their origin in shale formations, out of which the oil and gas were squeezed into porous reservoir rocks, such as sandstone and reef limestone. These in turn were overlain by impervious layers of rock which acted to retain the oil, otherwise the oil and natural gas would have found their way to the surface.

Athabasca tar sands, located to the north of Edmonton, are prime examples of the way in which oil and gas have worked their way to the surface. No one has so far found or developed a means of extracting the oil and natural gas from the tar sands in commercial quantities, whereas if the original deposits had been sealed in by impervious rock and shale formations, as in the oil fields found elsewhere throughout the province, and more recently in

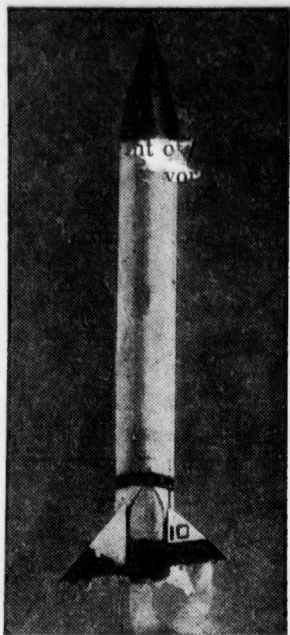
Manitoba and Saskatchewan, resultant drilling would tap enough oil and gas to supply the world's needs for many years.

Approximately 15 percent of Canada is covered by sediments thick enough to be favorable for oil prospecting, with the main sedimentary regions lying in nearly all of Alberta, and two-thirds of Saskatchewan, across the southwest portion of Manitoba and nearly all of North-eastern British Columbia east of the Rockies and in a belt occupying both sides of the Mackenzie river delta. Some sedimentary areas are located in southwestern Ontario, in Quebec and the maritimes and in Newfoundland. To date, only southwestern Ontario and western Canada have yielded oil in commercial quantities. The Western Canada Basin is contiguous with the great Interior Plains area of the United States, in which are located the great oil fields of the mid-continent and the Texas gulf. To date, some 77 billion barrels of oil have been estimated for the Interior Plains district of the United States.

The Western Canada Basin is believed to be approximately 500 million years old. It occupies 770,000 square miles and contains about one million cubic miles of sediments. Four thousand, three hundred and twenty-five exploratory wells have been drilled, or one well in every 178 square miles, and to date there have been discovered an estimated two billion barrels of oil. These sediments, in a cross section through the three western provinces, obtain their greatest depth in the foothills of Alberta and rise to the surface near Winnipeg with an intermediate depth near Moose Jaw. It is in these sedimentary depths that the oil and gas are found in the greatest quantities. The oil and gas is trapped in these sedimentary reefs formed in the geological times of some 250 million years ago when Western Canada enjoyed a tropical climate and was occupied by a shallow ocean which developed the coral reefs where now are located such famous fields as Redwater, Leduc, etc. Movements of the earth's crust have trapped other deposits of oil and gas in faults and anticlines sealed in by impervious rock formations and located at various depths below the earth's crust.

Contrary to popular belief, oil doesn't exist underground in pools or lakes. It stays in the pores of rock or sandstone and is locked there by impervious sediments or non-porous rock formations which act as a cap until released by natural or man-made action. An oil reservoir is contained in porous rock formations then, the porous rock or sandstone acting as a sponge. It is for this reason that the other substances which are found with the oil in the "sponge" reservoir are important.

These other substances are natural gas and water. They are found with the oil in varying degrees and they provide the energy which activates the black gold from its pores in the rocks to the well bore when this has reached the reservoir depth. The original formation of oil was obtained, as previously explained, from the organic remains of life which lived in the seas which covered this continent millions of years ago, acted upon by the tremendous pressures of sedimentary deposits which accumulated above the reefs and squeezed out the oil. The collections of oil deposits all contain gas in solution with the oil, which is therefore under considerable but varying, pressures. In the Leduc field, for example, the pressures



JUST LOAFIN' ALONG — But not for long. According to the Navy, this Viking 10 rocket has traveled nearly 4,000 miles per hour, and reached a height of 136 miles. Largest of American-built single-stage rockets, it is undergoing tests at White Sands, New Mexico.

average 1850 pounds to the square inch.

In some cases the oil, under existing pressures, is capable of taking into solution all the gas present. Many pools exist in which there is more gas available than the oil can absorb. Being lighter than oil, the excess gas in these pools has risen to the top and has formed what is called a "gas cap."

Most oil wells contain evaporated sea water from the ancient seas, compressed by the tremendous weight to which it is subjected. Being heavier than oil, the water is found at the bottom.

When a well penetrates the rock, the pressure in the vicinity of the well bore is lowered and the gas comes out of the oil solution. Expansion of this gas and the liberation of more gas supplies the energy necessary to drive oil (and gas) up the well bore. Thus, continued production of the oil and/or gas allows the pressures to decline at points farther from the well. Expansion of the gas supplies the energy necessary to carry the flow to the well, or to the low pressure area around the well from increasing distances.

Where a gas cap exists, an immediate source of energy is tapped when the well bore penetrates. Oil recovery in a field which has a gas cap is more efficient than in fields which have to depend on dissolved gas only. As the oil is taken out the low pressure area is increased around the well and the expanding gases of the gas cap exert their pressures downward, flushing the oil into the well.

In a reservoir where water underlies the well, the water works in much the same way as the gas in a gas cap field, the expanding water pushing the oil ahead of it to the low pressure areas around the well bore.

Where both a gas cap and underlying water exist, the gas will come down and the water come up and thereby by-pass the oil if production is too forced. On the other hand, with efficient withdrawal rates, the gas cap moves down evenly and the underlying water moves up evenly, and more oil can be recovered.

In Western Canada production allowances are set by agencies of the various provincial governments. These allowances are based on reservoir data secured and supplied in most instances by the operating companies who must of necessity co-operate because all are concerned in securing the maximum amount of oil from each field.

A fawn has no scent as long as it has spots.

Announce tree planting activities of forestry branch in Sask.

Tree planting activities of the provincial forestry branch this year will be centred in the Fort a la Corne, Cypress Hills and Chaplin areas of Saskatchewan, E. J. Marshall, director of forests, announced at Prince Albert.

He said crews have started planting 103,000 lodgepole pine, Siberian larch and Scots pine in the Fort a la Corne forest and game preserve, northeast of here.

In the park block of the Cypress Hills, in southwestern Saskatchewan, the branch will plant 25,000 lodgepole pine.

At the sodium sulphate plant, near Chaplin, the branch will continue a tree planting program started four years ago. This year, 500 Manchurian elm will be planted around the plant site.

Mr. Marshall said the branch's annual tree planting work accomplished two things: It pointed out the best planting methods and best species of trees for particular

sites in the province, and it reforested areas repeatedly denuded by forest fires.

He also noted that, as a public service, 13,000 trees of various species were being shipped out to various "co-operators" throughout the province. These included schools, municipal organizations and individuals.

In addition to the above, the branch scarification and broadcast seeding of a mixture of jack pine, white spruce, lodgepole pine and Siberian larch on 150 acres in the Bronson provincial forest, southwest of Meadow Lake.

Another 20 acres will be scarified and broadcast seeded to white spruce in the Teepee Creek district, northwest of Hudson Bay, while a 10-acre area in the Fort a la Corne forest will be scarified and broadcast seeded to jack pine.

Scarification to promote natural regeneration (that is, disking over tree slash containing seed) will also be carried out in forested sections of the province later this year.

The purpose of this phase of the branch's work, said Mr. Marshall, was to find the quickest and least costly method of reforesting large tracts of land suitable for forest growth.

Commenting on this year's nursery program, Mr. Marshall said 136,225 white spruce, Siberian larch, lodgepole pine and jack pine planting stock was being lifted from the Big River Nursery for shipping to various planting projects.

Also planned for this summer is the transplanting of approximately 500,000 white spruce, jack pine, Siberian larch, red pine and lodgepole pine from seedbeds to transplant lines.

In addition to stock provided for resources department use, the Big River Nursery has supplied 100,000 white spruce seedlings to various other government organizations to date this year.

Children to test new anti-polio serum

EDMONTON—An undetermined number of Alberta children will participate this summer in continent-wide tests of the recently developed polio vaccine, Alberta Health Minister Cross announced recently.

He said his department is awaiting word from a Toronto laboratory on the number of doses which will be available to the province. The number could vary from 2,000 to 10,000.

Health authorities said the controlled tests will be carried out to the specifications laid down by the laboratory.

A total of 1,413 cases of polio were reported in the province last year, 109 fatal.

Children at Calgary and Edmonton will be among those who will receive the vaccine. The tests will be limited to those in grades two and three.

Similar tests now are being carried out with about 400,000 children in the United States.

Jubilee theme on Sask. 1955 licenses

REGINA—Saskatchewan license plates in 1955 will carry a strong Jubilee theme, Hon. C. M. Fines, minister in charge, Saskatchewan Government Insurance Office said recently.

Mr. Fines noted that the Saskatchewan Golden Jubilee committee were given the opportunity to design the plates for next year, using the provincial colors of green numbers on a white background.

The words: "Saskatchewan Golden Jubilee 1955" will be inscribed on the license plates, Mr. Fines added. He said that the Golden Jubilee Committee had considered a somewhat more ornate design, but that it could not be reproduced satisfactorily.

DRIVERS PENALIZED

VICTORIA, B.C.—Driving privileges of 12,849 British Columbia motorists were suspended in 1953. Of these, 9,000 failed to maintain proof of financial responsibility. Another 319 were suspended for poor driving records and the rest were for various offences. 3093

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Accessories that are different can be needle-woven with the basic stitches and patterns (11 complete items) in Lindalee Needle-Weaving Book. 45 cents. This handiwork was featured by Kate Aitken at the Canadian National Exhibition in Toronto. Add it to your needle skills. Mail your order to—

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MOONE'S EMERALD OIL not only helps promote rapid and healthy healing in open sores and wounds, but boils and simple ulcers are also quickly relieved. In skin afflictions—the itching of Eczema is quickly eased, Pimples, skin eruptions dry up and scale off in a very few days.

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Patterns IRON-ON DESIGNS IN COLORS



7108
by Alice Brooks

No embroidery! Just a stroke of an iron—lilacs in heavenly color blossom on linens! The leaves are sprout green—the lilacs a beautiful shade of lavender. In seconds, beautiful towels, tablecloths, sheets, pillowcases, blouses. So thrifty, so gift-worthy!

Jiffy! Iron on! Washable! Pattern 7108 has 10 lilac color designs: four, 4x5 to 6x6 1/2; six, 2 1/2 x 3 1/2 inches.

To obtain this pattern send twenty-five cents in coins (stamps cannot be accepted) to:

Department P.P.L., Household Arts Department, 60 Front Street W., Toronto.

Be sure to write plainly your Name, Address and Pattern Number.

PEGGY



—By Chuck Thurston

Model of new Canadian city takes shape

The model of a new Canadian city, modern in planning and design, is taking shape in an old stone building near Hyde Park.

It is the new Iroquois, Ont., a dream shared by a 58-year-old Canadian-born architect and some 1,100 citizens whose present homes will be buried under water when the St. Lawrence seaway is built.

For Dr. W. W. Wells Coates, silver-haired planner, the new city is the culmination of 25 years' training and study. "I've always had it in mind to go back to Canada and form a new community," he says.

Dr. Wells Coates, born in Tokyo, son of a Canadian missionary teacher, has been working on the plans for two years in his Chelsea studio, littered with maps, plans and aerial photographs.

The new Iroquois will rise on a site one mile east of the old town and Dr. Wells Coates has planned to accommodate about 40,000 persons, half of them British immigrants.

The idea of such a community has been nurtured by Dr. Wells Coates for many years and, in September, 1952, he went to Canada representing a group of British industrial interests to discuss setting up a new town on the north shore of the St. Lawrence river.

Iroquois, he found, had already set up a planning board and was having its own plans. The town retained Dr. Wells Coates as consulting architect.

He was impressed by the spirit of the town's leaders.

"They are alive to their responsibilities to their people," he said, jabbing the air with an ebony cigarette-holder. "They're men like reeve Lloyd Davies, a gas station owner, Byron Saver, who owns a clothing store, and Hume Grisdale, a farmer."

Dr. Wells Coates set to work immediately and soon produced a general land-use plan, first requirement under the Ontario Planning Act. This plan, now under study by provincial officials, sets out the over-all pattern of the new city and its primary divisions for industry, homes, shopping centres, etc. Once it is approved, more detailed planning can proceed.

One of the most favorable factors for the future of the new Iroquois, says Dr. Wells Coates, is its site.

"It's on the doorstep of the St. Lawrence. The new four-lane highway from Montreal to Toronto will pass close by and it's on the Canadian National Railway line. There you have the three-main means of long-haul communication."

He becomes most enthusiastic when he talks of the new city itself.

"Steel, glass, timber, bricks, stone and concrete are the techniques of architecture. But the raw material is PEOPLE."

Money for the initial financing of the new Iroquois will come from rehabilitation funds to be paid to both the municipal authority and to individual residents. It is estimated this will total between \$7,000,000 and \$10,000,000 roughly half of which will go to the municipality.

Dr. Wells Coates, a graduate of the University of British Columbia and the University of London, has a more than professional interest in the future of the Iroquois district. His paternal great-grandfather, Thomas Coates, settled as a farmer at nearby Prescott, Ont., in the early 1800s and his maternal forebears crossed the St. Lawrence near Iroquois at United Empire Loyalists to settle at St. Thomas, Ont., late in the 18th century.

After serving with the 2nd Canadian division and later transferring to the Royal Navy air service during the First World War, Dr. Wells Coates set up practice in London in 1929.

FREE LICENSE PLATES

Approximately 90 war amputees and paraplegics in the Province of Alberta receive free automobile license plates as a service of the Alberta Government. The disabled persons purchase their plates in the regular manner, then make application to the Provincial Secretary's Department for a refund. After investigating the applicant's request, the Motor Vehicle Branch refers it to the Provincial Treasury for payment.

3093



A STING IN HER TAIL—Don't try to sneak up on this air force B-47E strato-jet bomber, even if it's dark and foggy. Radar eyes that pierce the blackest night, control the aim of these twin 20mm. tail cannons, shown getting a final inspection at Boeing's Wichita, Kas., assembly plant.

GEMS OF THOUGHT

DEEDS

Let us decide honestly what we can do, and then do it with all our might.—Amelia D. Barr.

It is sad that the phrase divine service has come so generally to mean public worship instead of daily deeds.—Mary Baker Eddy.

Do the truth you know and you shall learn the truth you need to know.—George Macdonald.

The work an unknown good man has done is like a vein of water flowing hidden underground, secretly making the ground green.—Carlyle.

An act of goodness is of itself an act of happiness. No reward coming after the event can compare with the sweet reward that went with it.—Maurice Maeterlinck.

Our deeds determine us, as much as we determine our deeds.—George Eliot.

Weekly Tip

MAKE LIST OF CURTAIN SIZES

You can save yourself worry, work, and time if you make a list containing the measurements of all the curtains in the house. Place this list in the basement or utility room where you do the laundering. You can see at a glance what size the curtains should be and then set the curtain stretchers accordingly.

Waste Not — Want Not

Work to begin on largest single road project in northern Sask.

Work will begin on the largest single forest development road project ever undertaken by the provincial natural resources department in Northern Saskatchewan.

Resources Minister J. H. Brockelbank announced recently that a 35-man crew has left Prince Albert for Beauval to begin work on the department's section of the Green Lake-Beauval road.

He said when the road is completed it will provide ready, year-round access for the first time to the entire Upper Churchill water system and the 5,000-square mile Buffalo region. It will follow standard highway alignment, with 40-mile-an-hour curves, a 22-foot wide top, gravelled surface and a 100-foot right-of-way.

Mr. Brockelbank said the significance of the road cannot be overrated. When completed, he said, it will open up the northwestern part of the province to much greater fish, forest and tourist development.

It will service a total population of 3,000 in the Buffalo region, which has one of the heaviest population concentrations in Northern Saskatchewan. Revenue from trapping and fishing here amounts to

over \$300,000 annually, and better, cheaper transportation might raise this considerably, Mr. Brockelbank said.

The need for better access for fire protection in the area's vast, maturing forest stands will also be met by the new road, which will encourage a large annual tourist entry as well. The Buffalo region is a large, relatively virgin territory of lake and forest, offering fishing, camping, canoeing and swimming in an unspoiled environment.

At the Green Lake end, the road when completed will give access to Highway Three, thence westward to Meadow Lake and eastward to Prince Albert. Mr. Brockelbank noted the possibility of the road eventually extending northward to Buffalo Narrows and the mineralized Precambrian Shield.

He said the road-building crew was one of the biggest ever fielded branch. Equipment used by the crew will include crawler-type by the department's construction tractors, earth movers, graders, scrapers, trucks and a motor patrol (self-propelled-type grader).

Piano wires support a strain of 390,000 pounds per square inch.

On The Side

By

E. V. Durling

Despite the innumerable housekeeping labor-saving devices originated by systematic and considerate male inventors, many home managers are still greeting their home-coming husbands by saying, "What a day I've had. I'm exhausted!" It is a sad occasion when a tired business man comes home to find an exhausted wife. One of the reasons many home managers become overly fatigued is because they are not systematic. They lack efficiency. They do things in haphazard fashion. For example, they take too many steps. Recently, a housekeeping efficiency expert checked on the bed making of a number of housewives. One home manager walked 386 ft. in making a bed. The efficiency expert showed her how to make the bed so she would only have to walk 56 feet! If you have a feeling your matrimonial mate's housekeeping system is not what it should be, have her read that classic on the subject by Dr. Lillian Gilbreth titled "The Home-Maker and Her Job."

Quick-change coiffures

The desire to be different is, of course, very strong in the female sex. Opportunities for variety in feminine appearance seem to be reaching a new all-time high. A woman can now have a different hair-do and hair coloring for every day in the week. She can be a blonde on Monday, a brunette on Tuesday, redhead on Wednesday and so on. Not only that, every day her hair will be arranged differently. This is made possible by something called "Colfs." A kind of wig. Anyway, if your wife is a natural brunette, don't be surprised if she shows up some evening as a platinum blonde. And when you come home the next night she has changed to a ravishing redhead.

Tippler's paradise

In Dublin, a half glass of the best Irish whiskey is priced in the best bars at a shilling. That is, 14 cents. In Ireland the whiskey glass holds 2½ ounces. The half glass, 1¼ ounces. Speaking of Eire, some of our subscribers of Irish birth complain of the flag of their country being described as "green, white and orange" in color. They say the description should read, "green, white and gold."

Women wanted

Is window dressing an art that is too difficult for women to master? If not, why is most of the shop window dressing handled by men? Seems a little ridiculous for a six-footer male to be putting clothes on the model of a woman in a shop window. The other day I saw two husky fellows struggling to get a petticoat on a shop window replica of a female. Truly a strange spectacle.

Spouse super-market

The world's greatest matrimonial matchmaker is a charming young matron of London named Heather Jenner. She conducts an amazingly successful marriage bureau. In the past 15 years, Heather has arranged over 5,000 marriages. Only three of these have ended in divorce. The charge for registry in the Jenner Bureau is the equivalent of \$15. Then introductions begin. When a marriage is arranged, the bridegroom and bride each pay the bureau an additional \$60. Mrs. Jenner is tireless in her efforts to bring about a successful marriage. There is no limit to the number of introductions arranged. One man was introduced to 84 different women before he found what he considered "the right girl." Average age of women clients of the Jenner Bureau is 28. Of men, 34.

Hardpan soils under study

Limited rainfall can be serious, but when the structure of the soil keeps crops from making full use of even this scant supply the problem is increased.

This occurs in several parts of the drier areas of western Canada. A tough hardpan subsoil discourages the entrance of air and water and makes root penetration difficult.

These hardpan soils are now under study southwest of Youngstown. This is in the area of the proposed Red Deer River diversion irrigation project, but studies will include dry land as well as irrigated handling methods. Co-operating are the Department of Soils at the University of Alberta and the Canada Department of Agriculture Experimental Station at Lethbridge. While working closely together each has its own plots and projects.

With assistance from the Research Council of Alberta, A. L. Mathieu is conducting the experiments for the Department of Soils. This part of the work will be confined mainly to consideration of the physical effects of various soil treatments he reports. A hard compact subsoil underlies much of the area. The objective is to find ways of so altering its structure that the soil will become more permeable to air and water and allow better penetration by crop roots.

One approach is through the use of soil amendments such as sulphur, gypsum, krillium and manure in an attempt to improve the physical condition of these problem soils. With sulphur and gypsum it may be possible to neutralize the objectionable salts present and effect their removal under irrigation. Crops like alfalfa and sweet clover will be used to learn to what extent their roots will penetrate and open up these soils.

Various cultural methods will be studied. Normal cultivation will be compared with a little deeper cultivation, still using farm tractor power and machinery. Really deep cultivation will be tried, using a caterpillar tractor and plowing to a depth of 18 to 20 inches. This might be expected not only to break up the hardpan but to bring up gypsum from below to change for the better the tight subsoil structure. A frost breaker to rip the subsoil to a depth of two feet will be used also.

These hardpan soils vary in degree in different areas. Some are farmed readily; others have resulted in wholesale abandonment. Among the latter are those of the area in which the soil scientists are working. They are among the most difficult soils of this kind with which we have to deal. Mr. Mathieu says. Many of the recommendations that will arise as this work progresses can be expected to apply not only to the immediate area of the tests but to the farms throughout the prairies wherever soils of a similar nature are encountered.

Eat Right - Live Right - Feel Right

Make a Fiesta of Your Next Informal Luncheon

BY DOROTHY MADDOX

FOR your next informal luncheon party, try these individual cheese casseroles. Served with sliced cold meats, a green salad and crusty rolls or French bread, they will delight your friends.

Mexican Cheese Casserole

(Yield: 4 servings)

One teaspoon salt, 2 cups boiling water, ¼ cup corn meal, 1 cup cold water, 3 tablespoons butter, 3 tablespoons flour, 1 cup milk, 3-ounce can sliced, broiled mushrooms; ¼ teaspoon kitchen bouquet, ¼ teaspoon salt, ½ teaspoon pepper, ½ teaspoon powdered oregano, 4 ounces American cheese, cubed; ½ cup finely diced green pepper, paprika.

Add salt to boiling water in top of double boiler. Combine corn meal and cold water. Add moistened corn meal to boiling salted water, stirring constantly. Cook over moderate heat until mixture becomes thick.

Place over boiling water and cook, covered, for 30 minutes. Meanwhile, melt butter in small saucepan over moderate heat. Stir in flour. Add milk and broth from can of mushrooms. Cook over moderate heat, stirring constantly, until sauce thickens.

Add kitchen bouquet and seasonings. Add cheese, stirring constantly until it is nearly melted. Add drained mushrooms and green pepper. Pour cooked corn meal into 4 greased, individual 8-ounce casseroles, or shallow 8-inch baking dish.

Top with cheese and mushroom mixture. Sprinkle with paprika. Bake in moderately hot oven (375 degrees F.) for 15 minutes, or until thoroughly heated. Serve immediately with crisp green salad.

(The Tomato Rarebit recipe below is good any time, and children love it.)

Tomato Rarebit

(Yield: 4 servings)

One can condensed tomato soup, ¼ cup milk, ½ teaspoon Worcestershire sauce, ½ teaspoon celery salt, ½ pound processed, aged American cheese; 6 slices toast, or hamburger buns split and toasted.

Combine tomato soup, milk and seasonings in top of double boiler. Heat over hot water. Add cheese, cut in small cubes.



Individual Mexican Cheese Casseroles make a delicious main dish for an informal luncheon. They'll bring you many compliments.

Stir constantly until cheese is nearly melted. Beat with rotary beater until creamy smooth.

Cut toast in halves diagonally; arrange 3 pieces on each of 4 luncheon plates. Cover with the rarebit. If buns are used, arrange three halves on each plate and cover with rarebit.

Garnish with broiled bacon, if desired.

NOTE: To dress up this recipe for company, add a 3-ounce can of sliced, broiled mushrooms—using the mushroom broth in place of milk.

World Happenings In Pictures



SCHOOL PATROL: Members of the Drumheller Detachment of the Royal Canadian Mounted Police and school officials are proud of the Junior High School Traffic Squad. The youngsters direct traffic through the downtown section at noon each school day.



VANISHING AMERICANA — Bill Schilling, 81, of Northfield, Minn., examines some of his 101-piece collection of a once-necessary item of pottery, outmoded in large part in recent years by the welcome and widespread availability of indoor plumbing. The "china department" forms only one section of the former newspaperman's \$150,000 museum of American household items of yesteryear, as well as other curios.



ANTI MAU MAU NATIVES, wearing long hooded cloaks to conceal their identities, are escorted from the guard house at Langata detention camp, near Nairobi, Kenya, to scrutinize natives suspected of Mau Mau terrorism. The hoods were used as a precaution against Mau Mau revenge since some informers had been murdered after giving evidence against members of the fanatical organization.



TURNABOUTS FAIR PLAY—Big girls who want that "little girl" look can find it in creations like the design at left, by Miami's Margaret Newman. The large swag bow and square neckline, fashioned into a dress of pink-and-blue checked gingham with pellow-lined skirt, makes a fashionable late-in-the-day costume. Gail Hanline, at right, shows what eight-year-olds in Chicago, Ill., can wear if their big sisters take up little-girl styles. Vest is imported suede and slacks are in the sophisticated "Toreador" style.

NO COTTON PICKIN' — Alice Thomas hopes there's no boll weevils near St. Petersburg, Fla. She's wearing an all-cotton bloomer-bottom bathing suit, right out of the bale. It's not designed for swimming—just to get attention.



TIME GOES TICKTOCK and **'DRIP-DROP'**—Elliott Stennes, three, at left, wonders why his dad is always busy, when he's got so much time "on hand". Watchmaker Elmer O. Stennes has collected 50 old Boston subway clocks, and uses their Swiss movements to construct his specialty, grandfather clocks. At right, Tom Kennamer, doorkeeper of the House of Representatives in Washington, D.C., is glad he need not rely on this ancient water clock when alerting members of the House that a session is about to begin. The one-handed antique's weights are moved by the difference in balance caused when water drips from upper to lower containers. Kennamer prefers his electric clocks and push-button gongs.



TOO YOUNG TO HANDLE the reins of a real horse, two-year-old Patti Jane Hart adopts a Yucca plant as her mount while vacationing near Las Vegas, Nevada.

The Sports Clinic

(An official department of Sports College)
Conducted by Lloyd "Ace" Percival
Tips from Roger Bannister

In a recent interview I had with Roger Bannister, the only man to break the four minute mile so far, numerous points came up which I know will be of extreme interest to those of you interested in training and conditioning for any sport and reaching goals set by yourself in these sports.

One of the questions I asked Bannister, and to my mind the \$64,000 question, was, "Do you feel you are a 'natural'?" He laughed and replied, "I should say not!" Then Bannister explained, "These things are more a combination of physique and temperament plus incentive and desire. I think I was an ordinary boy who did a lot of running. I used to run when others walked. I also did a lot of climbing in my youth. These things all helped develop my body." He went on to say that he had, as far as he could ascertain, no special physical blessing at birth. He did add that he thought it was fortunate he had a very lean physique since any excess poundage was extremely detrimental to efficiency and endurance.

This is an interesting fact since many stories that have appeared so far have made a great deal of the fact that Bannister has a heart beat of 50 per minute. This, however, as Bannister conceded himself, is not unusual with well trained athletes. The hard work done in training develops the heart muscle so that it can do its job easier and thus it need not beat so quickly.

A slow heart beat is, of course, a great advantage to the athlete since the only time it can get oxygen and fuel is during the rest period between beats. The longer the rest period the greater the amount of fuel that can be gained.

When questioned regarding his condition at the end of the race Bannister said, "Well, I certainly was tired, in fact I was certain I was pretty well exhausted but

WEEKLY BIBLE COMMENT

MATTHEW WAS JESUS' GREATEST RECORDER

Traditionally, a government official is not easily pried loose from his job. Yet Matthew, a customs official, gave up handsome receipts to follow Jesus and later become a saint and apostle.

He does not appear so prominently in the narrative incidents, but he was destined to be the greatest recorder of the sayings of Jesus.

It is to him that we owe the three glorious chapters of his gospel that we call the Sermon on the Mount.

Jesus said that the Holy Spirit would bring to the remembrance of the disciples all things that He had said to them. Surely this was verified by so amazing an achievement of listening, remembering and recording as Matthew has given.

Here in these three chapters is set forth the nature of the Kingdom, which Jesus said was among men, but not of this world. Here is its constitution, its principles, its way of life. Here is the heart of the Gospel.

The parable of God's love, in the story of the Prodigal Son, and of human brotherhood in the story of the Good Samaritan, and the accompanying parables, are but amplifications and exemplifications of all that the Sermon on the Mount teaches and implies.

It is a sermon for this world, if not of this world. At almost every point the principles of action and motives that commonly actuate men are challenged.

It is more blessed to give than to receive; love is better than hate, and man by his own spirit of forgiveness defines the nature and the measure of the forgiveness that he seeks—"Forgive us our debts as we forgive our debtors."

It might all seem visionary and impractical but the fact is that many have lived it and demonstrated it in action.

DECODED INTELLIGRAM

1—Oxford. 2—Amnesia. 3—Ontario. 4—Los Angeles. 5—Pride. 6—Love apples. 7—Do not. 8—Was. 9—Do. 10—Ostrich.

14-Year-old boy awarded medal

VANCOUVER, B.C.—A 14-year-old boy stood out among a roomful of uniforms recently, the only civilian as 31 persons were decorated by Governor-General Massey.

And the deed which won Robert Thomas Waters the George Medal stood out among all those listed on the 31 citations for gallantry. Of the rest, 24 awards went to the army, five to the RCAF and one to the RCN.

The incidents which led up to the moment when the young schoolboy stood up before the Queen's representative in Canada began Nov. 24, 1952, at the RCAF base at Comox, B.C., on Vancouver island, a short distance from his farm home.

A Lancaster bomber coming in for a landing undershot the runway and piled in a flaming heap into a swamp.

The citation tells it from there: "Robert Waters fought his way through heavy bush and swamp to reach the aircraft. Despite the intense heat and danger of explosion, Waters displayed complete disregard for his own safety by entering the flaming wreckage and dragging the dazed and injured pilot to safety. His courageous action under the most harassing circumstances was undoubtedly responsible for a large degree in saving the pilot's life."

He was 13 years old at the time.

NEW TOWER

GRAND PRAIRIE, Alta. — A new fire tower will be erected in the Grande Prairie region this summer, bringing the total to seven. The new tower will be built 80 or 90 miles south of Goodwin.

Discover Manitoba—travel bureau urges

They say that 50,000,000 Frenchmen can't be wrong.

Officials of the Manitoba Bureau of Travel and Publicity have another angle—they're telling everybody that 850,000 tourists can't be so very far wrong either.

It's part of an effort to encourage Manitobans to spend their vacation in their own province this summer—one of the objects of the Tourist Service Week being observed June 7 to 12.

The bureau says 90 percent of the 850,000 tourists who came to Manitoba last year intend to come back again. The estimate is based on questionnaires filled out by a large sampling of the travellers.

Now, the bureau states, there were no major complaints from any of those 850,000 tourists. And if Manitoba looks good to all those visitors, then Manitobans are certainly missing something if

they don't investigate the province for themselves.

The bureau would like to see Manitoba tourist money stay inside the province this year. It urges local vacationers to visit new areas.

Another object of the week is to encourage residents to keep up the standard of courtesy and service in the tourist trade. The industry say officials, brought some \$25,500,000 into the province last year—and that amount can be increased.

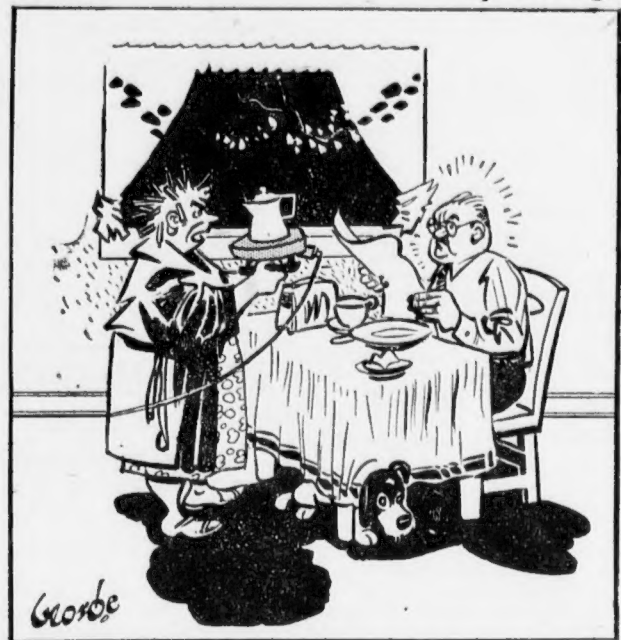
INDIAN "TEEPEE CIRCLES" UNCOVERED

FOREMOST, Alta. — A prairie fire that burned over about 100 acres in this southern Alberta district uncovered a number of Indian "teepee circles," clusters of rocks left by early tribes on the prairies.

The cuckoo and the cowbird lay their eggs in the nests of other birds. 3093

Ticklers

—By George



"Don't look so glum! Can I help it if our stove goes on the blink?"

Weekly Crossword Puzzle

National Banner

HORIZONTAL

1 Depicted is the flag of

6 This republic is in the

13 Performed

14 Skin rash

15 Dance step

16 Vegetable

18 Pile

19 Paid (ab.)

20 Coagulated

22 Tropical plant

23 Ireland

25 Chilled

27 Metal fastener

28 Turfs

29 Diminutive of

30 Perfect (ab.)

31 Chinese measure

32 Preposition

33 Wiles

35 Lease

38 Debatable

39 Rip

40 Diminutive of

41 Malayan skirts

47 Toward

48 Selva

50 Goal

51 Take liquid

52 Gloomiest

54 Worship

56 Landed

properties

57 Sounds

VERTICAL

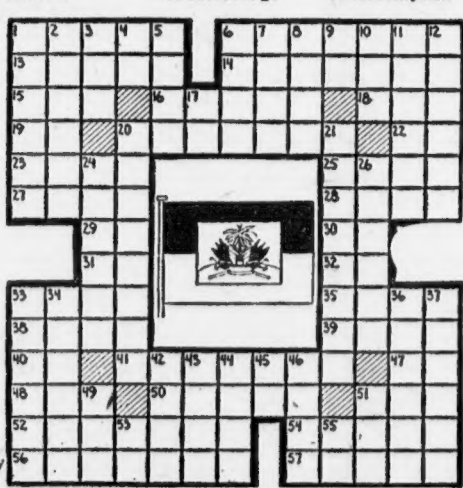
1 Occur

2 Former colony in Canada

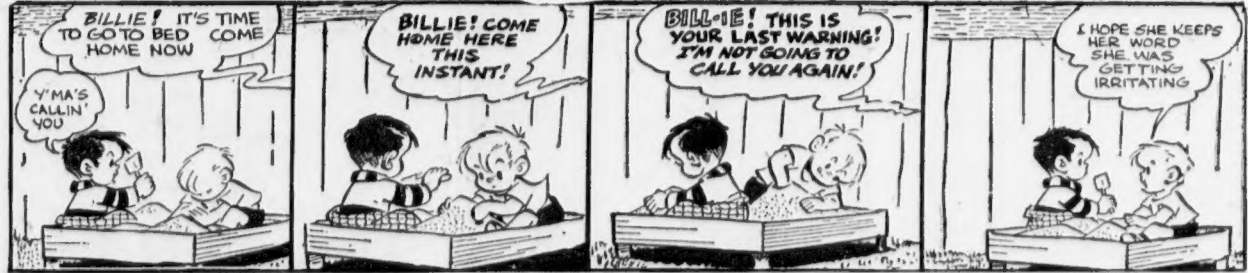
Here's the Answer



26 Its chief product is
33 Recantation
34 Roundups
36 Disposition
37 Figures of speech
42 Encourage
43 Flower
44 Those not in power
45 Near (ab.)
46 Insect
49 Exclamation
51 Descendant
53 Sun god
55 Accomplish



VIRGIL



PRISCILLA'S POP—Will Take Some Working

—By Al Vermeer



Woman editor of 80 prints, publishes and hawks own paper

LITTLE ROCK, Ark.—You can see her most any day in the sleepy little town of Winslow, Ark. A little old lady dashing through the streets, a battered felt hat on her head, a bundle of newspapers under her arm. A stranger passing through the Ozarks community would ask, "Who is she? A grandmother with a paper route?"

"Not exactly," any of the 400 persons in Winslow could answer. "She's Miss Maude—Mrs. Maude Duncan. She publishes the papers she's delivering."

Maude Duncan at 80 is owner, publisher, editor, reporter, printer, advertising salesman, circulation manager and carrier for the Winslow American, a four-page weekly, one of the few hand-set newspapers in the nation.

Her plant is a quaint, pine-boarded, one-room cabin heated with a wood-burning stove. Her press is wired—to hold it together in several places. Type is so scattered around the office you wonder how she finds enough to set a paragraph.

"I call the plant America's outstanding example of organized confusion," Mrs. Duncan laughed.

"Miss Maude" writes her news as she sets the type by hand. After the forms are filled, she feeds sheet after sheet of paper into the aged press which she runs by a foot pedal.

The front page of the American is unique. It features such items as "bits of news" about Winslow folks, an announcement of a movie at Breezy Hollow, a description of a local wedding. There are classified ads, ranging from "For sale,

a monkey stove with four caps, \$4," to "Wanted: an atlas of Washington county."

Sometimes "Miss Maude" firmly expresses her views on national or international events. In 1952, a July 18 front page had a black headline across the top saying, "For President, Senator Fulbright of Arkansas."

That was it. Period. There was no story under the banner.

Mrs. Duncan has been bringing news to Winslow's 400 and to 400 other subscribers scattered around the nation for 46 years. She went to work on the paper in 1908, the year she married the publisher. Miss Maude worked with him for 10 years, until his death.

In 1918 she wrote and set her husband's obituary, gave it top spot on the front page, and took over the paper.

The publisher says she's not made much money, but she's been busy and useful, and she has a goal.

The goal? She expresses it best when she says to any stranger she meets, "I'm real glad you're going to tell folks about Arkansas. That's what I've been trying to do for nearly 80 years."

Kitchen Meditations By JANE DALE

FRIDAY, THIRTEENTH!

Some viewed the day with fear and trembling; Nothing good could come of such a combination.

Friday of all days—and the thirteenth at that! Their hearts were filled with trepidation.

She saw the day was clear in the morning So sang a tune as she baked, dusted and swept.

The rest of the household—a trifle disgruntled Were soon warming with smiles; they could easily have wept.

She greeted the noon, so fresh and inviting By leaving her work to visit an old neighbor.

They made lively one hour with gay reminiscing; Then with a light heart returned to her labor.

The day which could have been filled with foreboding Went down on life's page as one of the best.

Ill does befall even the stoutest of travellers, But why flit with trouble or by fears be oppress'd?

Cristobal Colon peak in Colombia, 18,947 feet high, is the loftiest coastal mountain mass in the world.

APPETIZING RECIPES



Above: Fried chicken, with its crisp brown crust and tender, flavorful meat is a delightful

Fried Chicken

Two and a half to 3 lbs. chicken, ½ cup butter, shortening 1 cup flour, 2 tps. salt, ¼ tsp. pepper, 2 tbsps. water.

Cut chicken into serving pieces. Rinse in cold water. Drain. Heat enough butter and shortening in a large heavy skillet to make a ¼-inch layer. Shake together flour,

salt and pepper in a paper bag. Shake to coat chicken thoroughly. Place chicken in hot fat skin side down. Brown thoroughly. Turn. Add water. Cover the pan. Reduce heat and cook slowly 35 minutes or until chicken is fork tender. Remove the cover. Let chicken cook about 5 minutes to crisp the crust.

treat for family or guests and is as appropriate on a picnic as it is for company meals.

New \$500 scholarship provided for Sask. University students

A new \$500 scholarship for each of the years of a complete course, tenable at the University of Saskatchewan, is being provided by Union Carbide Canada Limited for a student entering the university this fall. This scholarship is part of a graduated program starting with one undergraduate scholarship this fall, and increasing one per year until a level of four scholarships has been reached by the fall of 1957.

Saskatchewan high school students must be recommended by their school authorities for the scholarship. Selection will be by the University of Saskatchewan scholarships committee and it is expected that all candidates will

have to write grade 12 examinations in order to be considered.

Application for the Union Carbide scholarship is to be made directly to: the Registrar, University of Saskatchewan, Saskatoon.

Each scholarship has a value of \$500 for each year of a complete academic course. A scholarship may be terminated at any time if the student fails to meet the university's requirements.

The purpose of the scholarships is to assure large numbers of men and women trained in universities for future executive and administrative careers in business and industry.

Three general rules cover eligibility for the Union Carbide scholarship: High school graduates:

1. who have good scholastic standing and personal reputation and are recommended by their school authorities;

2. who intend to enter business or industry and have the necessary talents and ambition for careers in such fields as accounting, administration, advertising, credit, development, engineering, finance, health and safety, industrial relations, international trade, law, patents, productions, publicity, purchasing, research, traffic or sales;

3. who either need the financial assistance or who possess extraordinary talent and ability.

The Union Carbide scholarship plan is expected to be in effect at 18 universities in Canada this fall.

Most of the world's radium comes from Canada and the Belgian Congo.

Quick Canadian Quiz

1. Canadian labor income increased by \$860 million last year over 1952. Did the net income of farmers increase or decrease in the year?
2. Which of the national parks has the greatest area?
3. Is the average cost of moving a ton of freight a mile by railway in Canada 1.38 cents, 13.80 cents or \$1.38?
4. Which province leads in revenue from fur farming? In revenue from trapping?
5. In 1939 the CBC spent \$2.9 million. What did the government radio service cost last year?

Answers in Another Column

Seek control of snow-mold in alfalfa

It is not a good idea to poison one's host, but that is what the snow-mold fungus does to alfalfa. This is the fungus that cause winter crown rot.

There is still considerable mystery about this troublemaker. It thrives in the cool weather of fall or spring and often causes extensive killing of alfalfa about the time of the spring thaw. This killing not only reduces yield, but leaves unsightly bare spots that welcome every weed that blows.

How to control it is a problem. Chemicals have not been too successful and breeding resistant varieties takes time. To approach control of any pest, it is well to know something about its history and habits. Studies by Dr. J. B. Lebeau at the Federal Science Service Laboratory of Plant Pathology, Edmonton, are providing useful information.

He found that in the process of growth, this snow-mold fungus produces the deadly gas hydrogen cyanide. Now hydrogen cyanide is very volatile, and unless retained in some way around the alfalfa plants little harm might accrue. This may be why there is usually little damage in seasons of light snow cover. The gas escapes and no deadly concentration occurs.

The trouble is that fungus grows best at temperatures only slightly above freezing. When it is growing strongly and producing the poison rapidly, there is often sufficient icy snow over alfalfa crowns to confine the gas and delay its escape. Held in this gas chamber, it is little wonder that the alfalfa gasps and expires. The amazing thing is that the fungus itself does not succumb.

There is much to learn and experiments are still in the early stages. They have not yet been conducted in the field, but results of the greenhouse and laboratory tests are intriguing. They strongly suggest, says Dr. Lebeau, that destruction of alfalfa by winter crown rot directly depends on this production of hydrogen cyanide and its confinement in spring or fall around the alfalfa crowns.

ODDITIES In The News

It was the goose in the fable that laid the golden egg, but a hen in Utah came pretty close to it last week by laying one with silver in it. Mrs. Adrian Earl Ferguson, Jr., broke open the last egg in a carton and out of it dropped a 25-cent piece.

A goose gained posthumous revenge on a goose hunter by knocking the hunter cold. Arthur Melvin, Marion, Ill., attorney, was hunting with his son, Harry, at nearby Crab Orchard Lake. Both blazed away at a flock of geese. At the end of the action, Harry turned to his father to find him stretched out unconscious. A dead goose lay beside him. The honker had conked him on the head as it dropped to earth.

Gerald Excell found an owl with a broken leg and took it to his home in an Essex, Eng., community, but was worried about feeding it. Next day he found a row of dead mice in the garden—delivered by the owl's mate.

Alberta boys learn conservation practices

EDMONTON.—Eight boys will learn conservation practices during a two-week holiday in the woods this summer under a project of the Canadian Tourist Association's conservation committee, it was announced recently.

R. R. Moore, Alberta deputy minister of economic affairs and president of the tourist association, said plans are being completed to have four boys from Ontario come to Alberta and four western boys go to Ontario for the projected course. The boys will be chosen from high schools by the conservation committee.

The Creek Indians were so named from the numerous creeks running through their lands.

Foot rot affects bulls in Saskatchewan

A large number of bulls on Saskatchewan farms were seriously affected last year by foot rot, Dr. T. V. Johnston, provincial veterinarian, said at Regina. The service of many of these bulls was lost for the season and in some cases the animals were left permanently lame. In such instances the loss to the producer was considerably more than was the case when other cattle were affected.

"If moisture conditions this year approach last year's level, Dr. Johnston said, "reports of foot rot may be expected." To aid in preventing infection, animals should be kept away if possible from boggy, low-lying areas, sloughs and dugouts.

A slight lameness of infected animals becomes progressively worse, with a reddened swelling around the hoof head and between the claws at the heel. If the condition is allowed to continue ulceration will occur and the hoof may show signs of separation from the soft surrounding tissue. Treatments include footbaths of copper sulphate solution and the use of sulphas and antibiotics.

Helpful Hints

To prevent moths when putting away garments for the summer, place small pieces of tar paper between the clothes.

A good remedy for getting rid of blackheads is to wash the face with warm water and castile soap several times a day. Always rinse in cold water.

Bananas that have browned to the point of being almost black may have little sales appeal, but they are very easy to digest. If you enjoy them that way, buy them; they will be good for both your stomach and your budget.

Chewing gum can be removed from garments by rubbing the spot with pure lard, then rubbing on a quantity of soap. Follow this by washing alternately with water and turpentine.

ANSWERS TO QUICK QUIZ

ANSWERS: 5. The CBC spent \$24.8 million last year. 3. Average cost of moving one ton of freight one mile by rail in Canada in 1952 was 1.38 cents. 1. Farm income decreased by \$261 million. 4. Ontario leads in both. 2. Wood Buffalo Park, partly in Alberta and partly in Northwest Territories, 17,300 square miles. The park is the home of the largest remaining herd of bison on the continent.

(Material prepared by the editors of Quick Canadian Facts, the pocket annual of facts about Canada.)



EVER ATTEND A FISH FRY FESTIVAL?—Well, here's how inhabitants of the Italian village of Port Camogli, near Genoa, saw things as five tons of fish were fried in a mammoth pan. The pan, holds 175 gallons of olive oil, is 13 feet in diameter and 18 inches deep.

OUR COMPLETE SHORT STORY—

HIGH DIVE

By Minor Steele Kelley

MARIA stood on the high diving board, staring down. If only the boys would tease her into it, as they teased the other girls. If only Bob would shout, "Fraidy cat!" as he had shouted at Nancy. Perhaps then she could grin as Nancy had grinned, and dive, coming up laughing.

But the boys never teased Maria, who was incredibly shy. If she waited long enough the gang would forget its game of follow the leader and she could climb down unnoticed, slip into the water and swim ashore.

Only this morning she had walked up to the group with a "Hiya Fellas!" the way Nancy greeted them. An awkward silence had followed. Then Bob had answered "Hiya!" Nancy had appeared and with the same greeting had them all laughing and racing for the lake.

Maria looked down at the group on the raft. She had been forgotten. Bob, sneaking up behind Nancy, pushed her into the water. The gang howled.

Maria walked slowly back to the ladder. It had always mattered, the group's indifference, but it had never mattered with such urgency

as now. Bob had arrived the day before.

Last night when Maria had been lugging the empty milk can to the side of the road, Bob had sprinted over to carry it for her. He had chatted so naturally that her painful silence had not been noticed. Then his mother had called and he had left her with a careless, "See you around in the morning."

Maria had counted on morning, perhaps it would be different. She climbed down the ladder. Nancy was splashing with three boys, one of them Bob, after her.

She had swiped their cigarettes and was threatening to douse them.

What was it that made Maria this way? Maria didn't know. Although she lacked courage for the high dive, her courage was there. Day after day she forced herself to join the group without ever becoming a part of it. Perhaps it was her mother and father, gentle folk, who live a little apart. They were older than most parents and she was their only child. They fed her mind with books and learning.

The cottage at the lake had been father's idea so that Maria could be with people her own age. "A girl, seventeen, should have fun," Father had said. Neither of them quite understood what was meant by fun, but if there were such a thing they wanted Maria to have it.

Maria reached the bottom rung. Bob swept by, shouting, "Out of my way, Girl."

He pushed her back up the ladder, scrambled past her, reached the top, ran out on the board and with a wild "Yeheoooo," jumped high into the air, turned a somersault.

"Why he doesn't know yet," thought Maria. "He acted with me just the way he'd act with anyone."

Maria jerked off her bathing cap. Her black curls bounced and her eyes were alight with fire as she ran to the end of the board. She plunged in without even looking at the water.

She bobbed to the surface, her heart singing, "What a wonderful feeling falling through space! You don't plan. You don't look. You just jump."

Maria swam to the raft, rolled up on it, ran to the ladder and climbed up quickly. She had to try it again. She had to understand this new feeling.

A moment later she was swimming to shore, ignoring Bob's cry, "Hey, Maria, wait."

She needed time to get used to her freedom from fear.

After lunch she walked to the Carter's cottage, where the gang congregated. She didn't even knock but walked right in.

"Hi, everybody!" Her voice rang clear.

"Hi," they muttered, but their lack of enthusiasm made no difference. She went over to the piano where Bob was pounding, with Red and Chuck singing. She joined the chorus. There was silence for a moment but Maria did not care. Then everyone started to laugh with Maria laughing with them.

Bob shoved Red and Chuck off the bench. "Make way for the lady, you guys. Come on, Beautiful, have a seat."

Maria had made the plunge that counted.

(Copyright Wheeler Newspaper Syndicate)

ACCIDENT RATE

Accidental deaths in the province in 1953 totalled 419, as compared to 431 in the previous year. Traffic deaths increased from 106 to 124, and home accidents increased from 11 to 115. Farm fatalities decreased from 104 to 65.

Funny and Otherwise

A man entered a chemist's shop and asked for his favourite brand of hair cream. He was told it was out of stock, but was offered a substitute.

"Is it as good as the brand I normally use?" he asked doubtfully.

"Well," replied the chemist, "it's a kind of superior equivalent."

An old Scotch couple were listening to a broadcast service, the husband sitting back smoking his pipe, his wife in deep contemplation. Half an hour passed in silence. Then, suddenly, the old man laughed.

"Sandy," exclaimed his wife, "why this merriment on the Sabbath?"

"Ah," said Sandy, "the parson's just announced the collection and here I am safe at home."

They had not met for some time.

"And you say that last week you were in the town where I live?" she murmured.

"Yes."

"And you thought of me, John?"

"Ay, I did," replied John. "I said to myself, 'Why, isn't this where what's-her-name lives?'"

After Billy's first day at school his mother asked him how he got on.

"Fine," said Billy, "but I don't think very much of our teacher."

"Why?" asked his mother.

"Well, she asked me what one and one made and I had to tell her."

A hotel manager was giving advice to his new receptionist.

"Always ask for money in advance when people have luggage that is over emotional," he said.

"Over emotional?"

"Yes; too easily moved."

A vicar was addressing Sunday school children. After several minutes he asked: "And now is there any boy or girl who would like to ask me a question?"

For a moment there was silence, then a shrill voice piped out: "Please, sir, why did the angels walk up and down Jacob's ladder when they had wings?"

The vicar gave an embarrassed cough. "—er—would anyone like to answer that question?"

"I've got married since I saw you last."

"So I heard. In fact, I knew your wife before you married her."

"You're lucky. I didn't."

"What happened to that friend of yours with money to burn?"

"He met his match."

The minister returned the used car to the dealer, and was promptly asked, "What's the matter, Parson? Can't you run it?" And he got the sharp reply, "Not if I want to stay in the ministry."

Reading the poor marks on his son's report card, a father was very angry.

"Don't be so hard on him, dear," said his wife, soothingly. "I know the boy's trying."

"Oh, it isn't the marks I mind so much," interrupted the father. "It's the deception. Why the dickens does he have to look so bright?"

"Baby roundup" to be held in honor of Saskatchewan doctor

The biggest roundup in Saskatchewan's history will be held this summer at Frontier. It will be a "baby roundup". Citizens of all shapes, sizes and ages, who came into this world under the auspices of Saskatchewan's oldest practicing country doctor, Dr. Murrough O'Brien, of Qu'Appelle, will gather in the Village of Frontier on July 9 to honor their doctor.

The celebration to honor Dr. O'Brien will be a special feature of the annual sport's day at Frontier. During his more than half a century of country practice, the doctor delivered some 9,000 babies, and it is the aim of the celebration committee to round up as many of these former babies as possible and have them present for the event.



DR. MURROUGH O'BRIEN

The 86-year-old country doctor delivered his first babies in Victorian England in 1888. Before the turn of the century he set up in practice in a lean-to behind a Chinese laundry in Dominion City, Manitoba, and began delivering the first of his many Canadian babies. A pioneer practitioner on horseback, he carried his medical equipment in his saddlebags and did his surgery in farm kitchens by lamplight. He subsequently practiced in Winnipeg, saw service as an army medical officer on Russia's bleak Arctic coast, and then went back to a country practice. During the hungry thirties he was the doctor at Frontier, and later at Beechy, Craik, and now Qu'Appelle.

His earliest associations with Saskatchewan began in 1890 when he worked as a railway construction laborer. In 1892 he was a member of a travelling show which put on a performance in Moose Jaw. The show was staked on planks laid across beer kegs in the Moose Jaw freight sheds.

Dr. O'Brien's "babies" are invited to register with Miss Grace Stewart, 220 Somerset Block, Regina, or with the Board of Trade at Frontier. Purpose of the registration is to compile an honor roll for presentation to the doctor at the Frontier celebration on July 9. Mailed registrations should give names, present place of residence, and place of birth.

The doctor's adventures as a practitioner for 57 years will appear in book form this summer under the title of "Saddlebag Surgeon." The 80,000-word biography by Robert Tyre, Regina, will be issued by the Toronto publishing house of J. M. Dent. A special edition of the book will be ready at the time of the Frontier celebration. Half of the royalties from Canadian and other sales will go to Dr. O'Brien.

The Frontier celebration for Dr. O'Brien is in "recognition of a life of service that earned few comforts and no wealth."

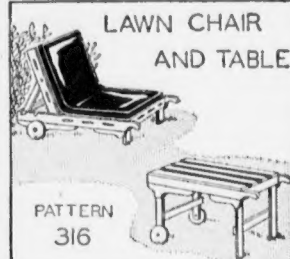
"One of the very fine traditions of medicine is the unmatched record of devotion and dedication to the care of the sick by pioneer country doctors such as Murrough

O'Brien of Qu'Appelle," was the tribute paid by Dr. Emmet McCusker, Regina, president of the Canadian Medical Council.

Members of the celebration committee are: Provincial Health Minister T. J. Bentley; Mayor Garnet Coulter, Winnipeg; Dr. Emmet McCusker, Regina; Mayor Les Hammond, Regina; Mayor L. H. Lewry, Moose Jaw; Henry Mang, M.P. for Qu'Appelle; Harry Wahl, M.L.A. for Qu'Appelle-Wolseley; Reeve L. O. Baskerville, Dominion City, Man.; Mrs. George Gilbertson and Oliver R. Oerheim, Frontier; A. H. Stevens, Climax; Miss Grace Stewart, Regina; John Vopni, Davidson; John Dixon, Craik; William Cook, Fort Qu'Appelle, and A. Desmond Burridge, Swift Current.

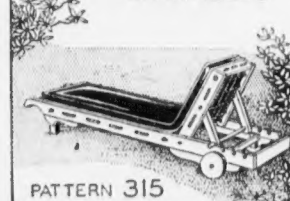
Home Workshop

LAWN CHAIR AND TABLE



This matching table and chair set has several members that are interchangeable so one pattern will serve for making both pieces. They are of simple design to be suitable for outdoor use and easy for the weekend carpenter to make. Note the wheels and handles for moving the pieces wherever needed. The weather resistant cushion for the chair is bought ready-made and is available in various colors. The price of pattern 316 for making both pieces is 35c. The Lawn and Garden Furniture Packet containing patterns for five different designs that are easy for the home handy-man to make with either hand or power tools is priced at \$1.50 postpaid. Address order to—

ROPED CHAISE ON WHEELS



With lazy summer days just around the corner it is time to think about a chaise that may be wheeled about as the mood dictates. This one has five positions for the back rest and a rope foundation for the maximum in comfort. The weather-resistant pad is bought ready-made. The size of the pad is seventy-six by twenty-six inches and is available in a range of gay colors. The finish of the chaise may be a natural wood stain of a paint to harmonize with the color of pad selected. The pattern gives step-by-step directions for sawing out the pieces and assembling. The price of pattern 315 is 35c. The Lawn and Garden Furniture Packet containing five patterns of other practical outdoor pieces is \$1.50.

Department P.P.L., Home Workshop Pattern Service, 4433 West Fifth Avenue, Vancouver, B.C.

—By Les Carroll

THE TILLERS



4860 10-18
by Anne Adams

ONE YARD 45-inch fabric for bolero! DITTO for skirt! No need to bankrupt your budget for a new outfit—just choose a luscious wool remnant, sew this! Couldn't be easier—diagrams show you how few seams there are.

Pattern 4860: Misses' Sizes 10, 12, 14, 16, 18. Bolero, skirt in all sizes take 1 yard 54-inch fabric for each garment.

This pattern easy to use, simple to sew, is tested for fit. Has complete illustrated instructions.

Send thirty-five cents (35c) in coins (stamps cannot be accepted) for this pattern. Write plainly Size, Name, Address and Style Number and send orders to:

Department P.P.L., Anne Adams Pattern Dept., 60 Front Street W., Toronto.

Carbon and East Coulee each won a game of a doubleheader at East Coulee Sunday.



On Saturday night at 7 p.m. all the Scouts were on hand. Practice Drill was taken on and then Mr. Isaac gave a talk on First Class First Aid. Then we had a couple of games and then break away.

There will be a parade from the Scout Hall to the Anglican Church on Sunday, June 27th.

—Wayne E. Garrett.

WATER SAFETY STRESSED

Drownings in this province last year took 50 lives, says the Alberta Safety Council in sounding a warning at this vacation time of water hazards.

The swimming and water safety division of the Alberta Red Cross Society and the Safety Council are working in full co-operation along educational campaign lines to lessen the annual toll.

Last year there were twelve drownings in irrigation ditches, stock ponds, troughs and sloughs. In most instances the victims were children.

"The best way is to fence either the pond or the children in," says an official.

NO. 1 KILLER

Heart disease is still Canada's No. 1 killer. Sometimes the condition may be of long standing, well known to the patient and his doctor. But in many cases, the patient may die suddenly and unexpectedly, his ailment not having been suspected by himself or his family. A medical checkup would reveal to the doctor definite signs of a heart ailment which can frequently be arrested or controlled by proper diagnosis and treatment. It pays to have periodic checkups, especially after the age of forty.

CANADIAN LEGION BURSARIES

As an added step to help speed the recovery of Alberta poliomyelitis victims it has been announced today that the Alberta Command of the Canadian Legion will award six bursaries, each valued at \$350.00 to students entering the first year of the newly instituted Diploma Course in Physiotherapy at the University of Alberta this fall.

Bursaries will be available in each of the following districts: Peace River (north of the Athabasca river; Edmonton; Red Deer, Calgary, Lethbridge, Medicine Hat. The joint basis of award will be scholastic standing in the required matriculation subjects of Grade XII or equivalent standing and financial need.

Acme Sports will be held on July 1st this year with a gala dance in the evening.

GROWING TALL

Strong well-developed bones add not only to the health of a child but form the basic beauty of the active little body. To help these bones in their growth, a child needs vitamin D every day of his life, from birth to the end of the growing period. This so-called sunshine vitamin also aids in developing strong straight teeth, another beauty asset. Vitamin D is a chemical substance which helps the body to assimilate calcium and phosphorus. It can be taken in various forms—tablet, capsule or liquid.

FOOT LOOSE

When on a long hike, carry an extra pair of hose and change to them when stopping for a rest or the noonday meal. Giving the bare feet a sunbath is good for them and it stimulates them for the return trip. Never wear hose that are too short.

MAKE COURTESY YOUR CODE OF THE ROAD

The popularity of books on etiquette indicates that, by and large, people are interested in manners. And a little observation of our friends and acquaintances will prove that most of them act courteously in the greater part of their dealings with their fellow men.

But there's one whole phase of courtesy that's sadly neglected. That phase is MOTOR manners.

When an individual opens the door of his car and slips behind the wheel, he too often changes

from an apparently courteous, law abiding citizen into an "auto-intoxicated" boor (i.e. a motorist drunk with the power at his command).

This lightning-like change has been the subject of some very funny jokes, cartoons and stories. But there is nothing funny about its effect on traffic safety. The driver suffering from "auto-intoxication" is a menace on the road.

What causes "auto intoxication?" There is no adequate answer to this question. But it seems to spring from a strange quirk in some people's thinking—a quirk that sets driving apart from other phases of living, making it something to which the ethics governing ordinary living do not apply.

As long as there are individuals who think this way our district will be plagued by senseless traffic accidents—accidents that

could be avoided if the people involved would look at things from the other fellow's point of view.

Courteous conduct on the highway is far more important than courteous conduct in the living room. It can mean the difference between life and death.

During July the Alberta Safety Council is making an intensive effort to bring this fact home to the people of Carbon. We urge all to support the Code of the Road program. This program will be a success if everyone will take to heart the slogan: "Make Courtesy Your Code of the Road."

We urge your support of the Blood Donor Clinic to be held at Acme July 13th from 12:30 to 3 p.m. in the Acme Memorial Hall. More blood is needed to keep our hospitals supplied.

Carbon Sports June 30th.

To make a long
Tale short ...



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WEED KILLS**

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**BAMBOO POLE
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RED RAG Helps
AVOID . . .
CAR - TRACTOR
ACCIDENTS**

To a motorist travelling 60 M.P.H. a tractor 10 M.P.H. seems to be stationary. Therefore the tractor operator should attempt to make his tractor visible for great possible distance, particularly on hill and knoll slopes. Simply attach a pole with red or bright yellow rag attached.

Reddy's Home Remedy



**RED SEAL
ADEQUATE
WIRING**

Building? Buying? Renovating?

To all home-owners and prospective home-owners I give the same prescription—look for the "RED SEAL" of approval on the Meter Box.

Today's luxuries are tomorrow's necessities, so NOW is the time to install electric wiring that will handle all the appliance you will own in the future.



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